

Aspherical Glass Lenses For LD applications



Type: EYLGUL□□□□□

These products are aspherical glass lenses by using a press molding, and key devices of optical electronics not only provide compact and light weight but also high-performance by utilizing characteristics of aspherical design.

Features

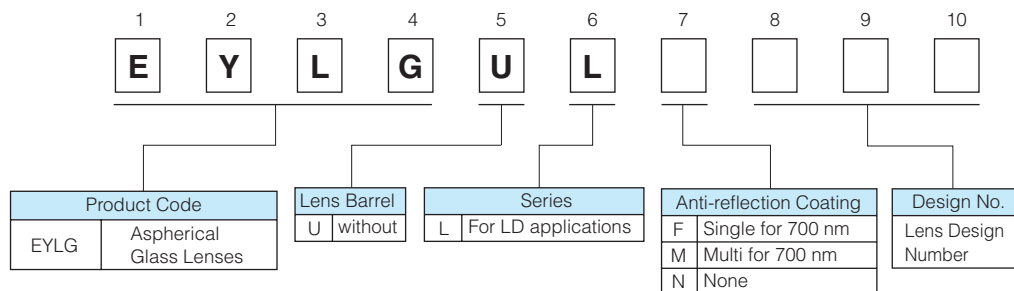
- High numerical aperture achieved via aspherical design
- Short focal length for compact size
- Appropriate lenses and lens material available for many different applications
- Wide temperature and humidity range for increased reliability and stability
- High-quality processing, measurement techniques and precision manufacturing process give less variation in optical properties
- RoHS compliant

* We can offer custom design, sampling and mass production as requested

Recommended Applications

- Lens for LD applications

Explanation of Part Numbers



Ratings

Item	Ratings
Operating Temperature Range	-30 to +85 °C
Storage Temperature Range	-40 to +100 °C

■ Please contact the factory for packaging methods.

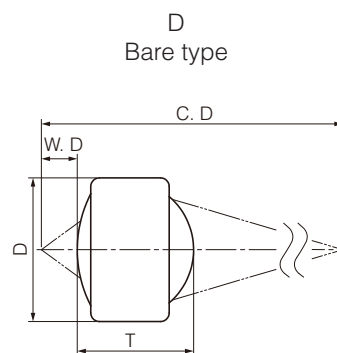
Specifications

- Lenses for LD applications

Part No.	Design Wavelength (nm)	Suitable Wavelength (T>97 %) (nm)	Designed with CG	Focal Length (mm)	Working Distance (mm)	Magnification
			CG material / Thickness (mm)			
EYLGULM216	780	600 to 800	BK7 t0.25	10.00	8.85	∞
EYLGULF273	780	660 to 700	BK7 t0.30	12.50	10.93	∞
EYLGULF274	780	660 to 700	BK7 t0.25	6.25	4.84	∞
EYLGULF276	780	660 to 700	BK7 t0.25	8.00	6.60	∞
EYLGULF277	780	660 to 700	BK7 t0.30	8.98	7.72	∞
EYLGULF279	780	660 to 700	BK7 t0.30	4.00	2.66	∞
EYLGULF292	780	660 to 700 (T > 95 %)	BK7 t0.27	6.00	3.82	∞
EYLGULF319	780	660 to 700 (T > 95 %)	BK7 t0.25	12.50	11.12	∞
EYLGULM330	780	630 to 800	BK7 t0.25	3.59	2.55	∞

Part No.	N.A	Effective Diameter (mm)		Dimensions (mm)		Glass Material	Lens Shape type
	S1	S1	S2	Diameter (D)	Thickness (T)		
EYLGULM216	0.33	6.06	6.60	8.00	2.15	K-VC81	D
EYLGULF273	0.23	5.07	5.70	6.40	2.80	K-VC80	D
EYLGULF274	0.40	4.15	5.00	6.40	2.50	K-VC80	D
EYLGULF276	0.25	3.36	4.00	6.40	2.50	K-VC80	D
EYLGULF277	0.29	4.79	5.40	6.40	2.30	K-VC80	D
EYLGULF279	0.50	2.96	4.00	6.40	2.50	K-VC80	D
EYLGULF292	0.35	2.85	4.20	6.00	4.20	K-PBK40	D
EYLGULF319	0.23	5.20	5.70	8.00	2.50	K-PBK40	D
EYLGULM330	0.29	1.58	2.16	4.00	2.00	K-PBK40	D

Dimensions in mm (not to scale)



W.D : Working Distance
C.D : Conjugate Distance

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